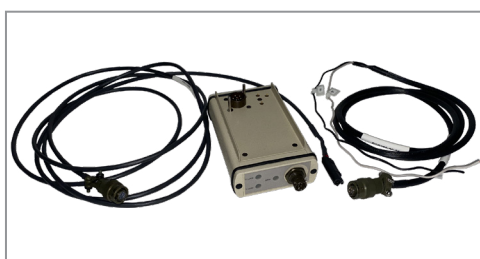
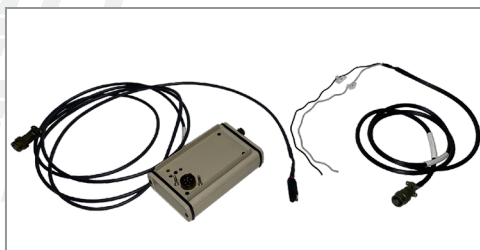


UKT0050

2590 Charger Kit for Solar Panels

Preliminary Technical Datasheet

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Technical Specifications

Part No.	UKT0050
Weight	Approx. 2.7kg (6lb)

Technical Specifications

Part No.	MRC-135A Charging Module
DC Input	11-36VDC
Solar Input	2 x 30W panels 1 x 52W panel
Solar Connector	Standard SAE 2 Pin Overmold Connector (Flat) Vehicle Connector: Flying Leads
Charge Rate	1.0A per string
Charge Time	BB-390/U: approx. 4-5 hrs. BB-590/U: approx. 2-3 hrs. UBI-2590, UBI-2590 SMBus: approx. 7-8 hrs. UBI-2590/HC SMBus: approx. 8-9 hrs. BB-2590/U: approx. 7-8 hrs.
Battery Types	BB-390/U - Nickel Metal Hydrate (NiMH) BB-590/U - Nickel Cadmium (NiCd) BB-2590 / UBI-2590 (UBBL02) / MRC-2590 / UBBL09 / UBI-2590 SMBus (UBBL10) / UBI-2590 HC SMBus (UBBL13) - Lithium-Ion (Li-ion)
User Interface	Flashing: Fault Steady: Charging OFF: Full Charge
Size	12.2cm (4.8in) x 5.1cm (2.0in) x 8.1cm (3.2in)
Weight	635g (1.4lb)
Operating Temperature	-30°C to 55°C
Storage Temperature	-50°C to 65°C
Operating Altitude	55,000 ft. (16,764m)
Storage Altitude	27,000 ft. (8,230m)
Humidity	95%

Features

- Unattended charging
- Charge module automatically detects open or shorted cells
- Charging stops whenever a fault is detected
- Individual charging of each cell string prevents cell imbalances, assures positive recharge
- Performs well in hot, cloudy and other diverse environments
- UV resistant and weatherproof
- Rugged construction
- Solar cable connector has a standard SAE 2 pin overmold connector (flat) that is common for commercially available portable solar panels

